Power Divider

PDM-00540-K2

2 Way, 0.5-40 GHz, 2.92mm, 20 Watts

Rev 1

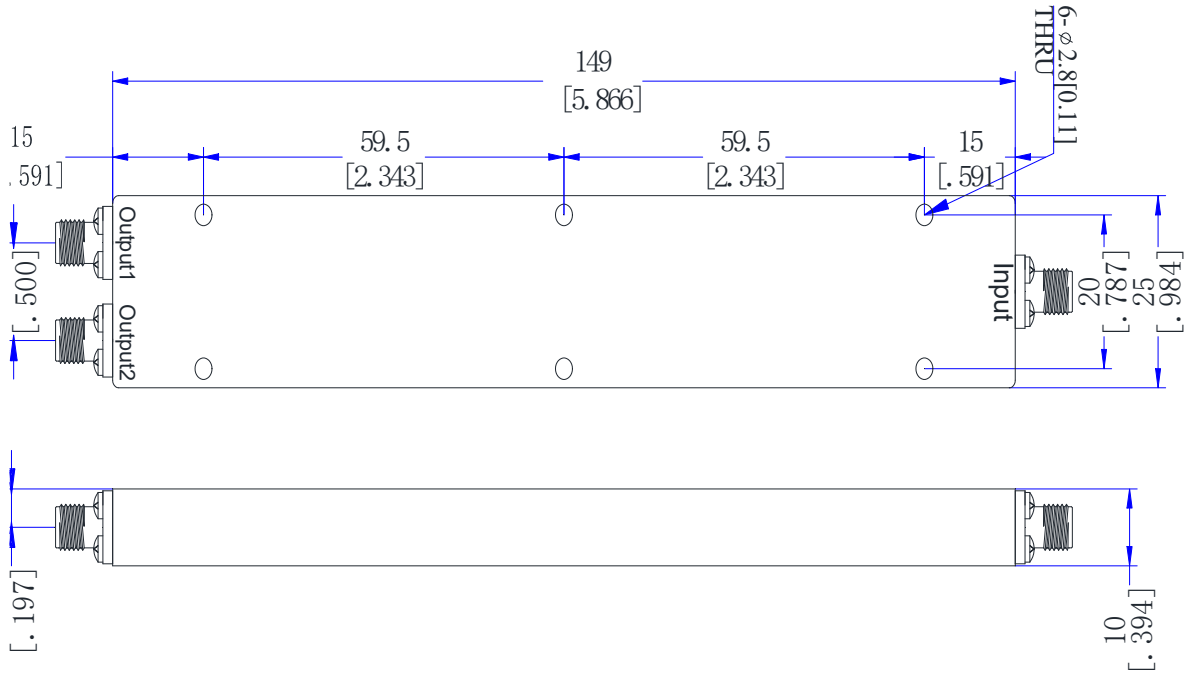
Electrical & Environmental

Impedance	50 ohm
Number of Output Ports	2 Way
Frequency Range	0.5-40 GHz
Insertion Loss	≤ 2.8dB (Excluding theoretical loss 3.0dB)
Input VSWR	1.6 max
Output VSWR	1.5 max
Isolation	16dB min (0.5-35 GHz), 15dB min (35-40 GHz)
Amplitude Balance	≤ ±0.4dB
Phase Balance	≤ ±4°
Average Power Rating	20 Watts (As Divider), 1 Watts (As Combiner)
Operating Temperature	-45℃ ~ +85℃

Mechanical

Input/Output Connectors	2.92mm Female
Housing Finishing	Painted Aluminum
Outline Dimensions	149*25*10 (mm)

Dimensions(Unit: mm/[inch], Tolerance: ±0.3mm)



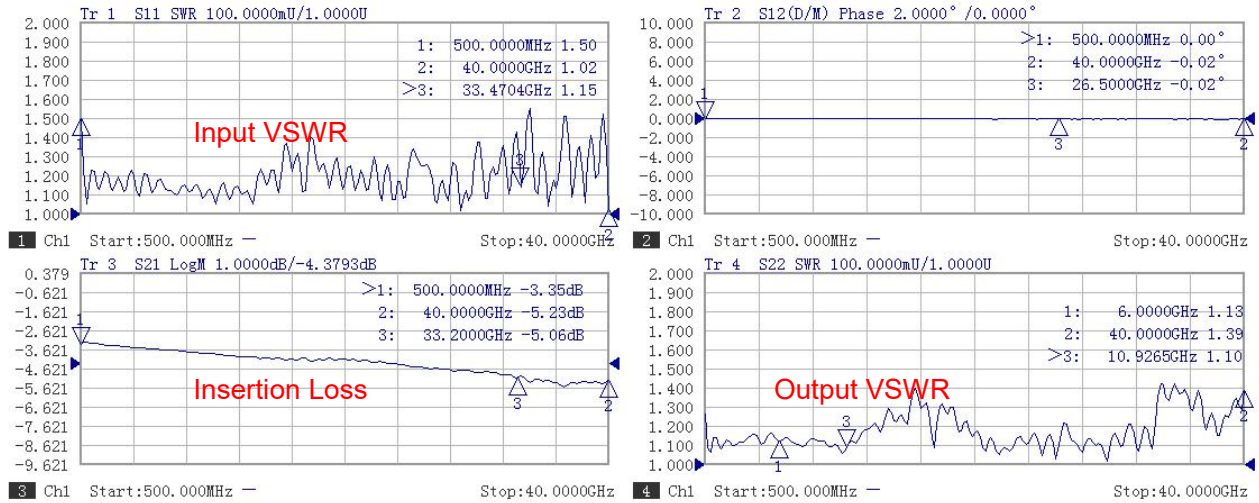
Power Divider

PDM-00540-K2

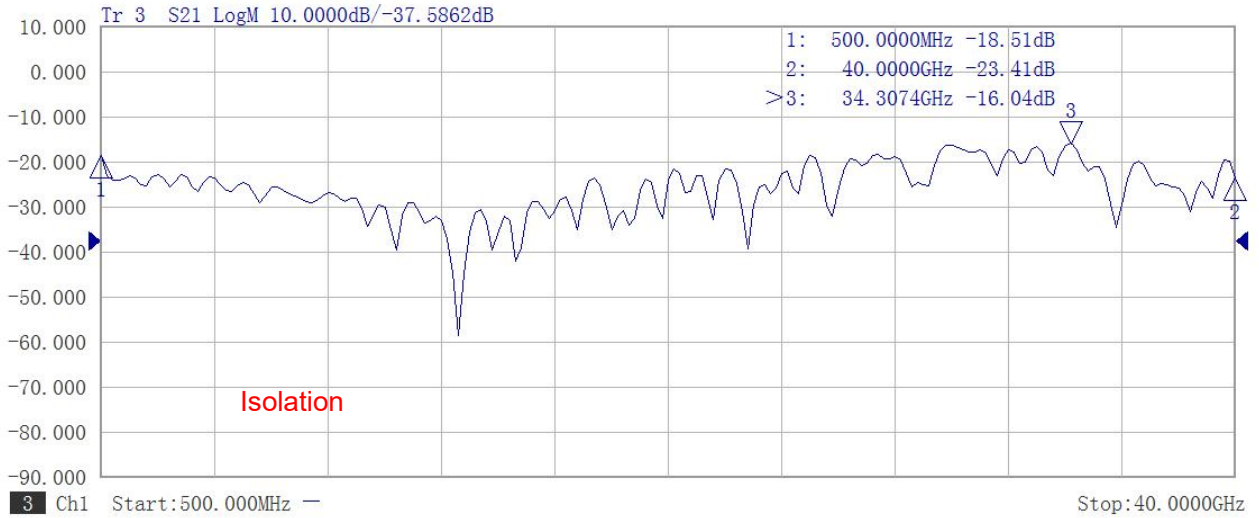
2 Way, 1-40 GHz, 2.92mm, 20 Watts

Rev 1

Typical Test Data



	SweepType	Start (GHz)	Stop (GHz)	Points	IF BW (Hz)	SweepTime (s)	Port1,2Power (dBm)
Ch1	LIN_SWEEP	0.500000000	40.000000000	201	1000	0.224971	-5.00,-5.00



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